



Earn a Master's Degree in Biomedical Imaging at Weill Cornell Graduate School of Medical Sciences



Weill Cornell Graduate School of Medical Sciences at Cornell University is seeking students interested in pursuing a Master of Science Degree in Biomedical Imaging. This Program is designed to provide students holding a Bachelor's degree in physics, mathematics, engineering, computer science, or related fields with rigorous training in the physics and engineering principles and techniques that underlie modern biomedical imaging and radiological practice. Students will develop a level of competence that will enable access to a wide range of professional opportunities in academia, industry, and government, or prepare them for further education in PhD or MD programs. The Program has been developed to meet an urgent need for imaging scientists with the technical background necessary for development of new techniques for applications across a broad spectrum of human disease. Students will have access to one of the largest portfolios of imaging hardware and software in the world at Weill Cornell and our partner institution, Memorial Sloan-Kettering Cancer Center, for hands-on training. The two institutions have adjacent campuses located on the Upper East Side of Manhattan in New York City.

This Program is highly interdisciplinary and includes over 30 faculty members with expertise in physics, radiology, engineering, biochemistry, and radiochemistry principles as applied to biomedical imaging. Nearly all courses have been developed by faculty specifically for the Program. The Master's thesis portion of the Program will enable students to directly apply knowledge gained in the courses, either in one of the imaging research laboratories at Weill Cornell or Memorial Sloan-Kettering, or with a faculty member devoted to clinical service and innovation. Our field is undergoing unprecedented growth with the advent of AI techniques which are a core part of the curriculum.

A unique feature of the Program is the two-track structure. All students enroll in the same courses during the first year, followed in the second year by either the Laboratory track, offering a traditional imaging research thesis project, or the Clinical Track, offering a thesis project designed around innovations in the practice of Radiology. We are currently accepting applications for the Fall 2026 semester until **June 15, 2026**.

The following courses are offered:

- **Magnetic Resonance imaging**
- **X-ray Computed Tomography**
- **Optical Imaging**
- **Human Anatomy for Imaging Scientists**
- **Special Topics Seminar Series**
- **Nuclear Imaging (PET and SPECT)**
- **Ultrasound**
- **AI and Machine Learning in Imaging**
- **Health Literacy**
- **Career Development in Biomedical Imaging**

The Program has a 24-month duration, including a 15-month Master's thesis project. Additional details regarding the curriculum, tuition and fees, and an application portal are available at the following address:

<https://gradschool.weill.cornell.edu/programs/biomedical-imaging>

Interested students may contact:

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